

45010  
bcc:  
C. Trmal, Engg, L13E36  
S. S. Ulrey, C&P, B-6218  
A. H. Pagano, 588 Bldg. (X)/  
ECD File 4145060

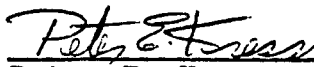
November 21, 1984

Mrs. Linda N. Shanley,  
Resource Control Specialist II  
Solid Waste Branch  
Water Resources Section  
Department of Natural Resources  
& Environmental Control  
State of Delaware  
Box 1401  
Dover, DE 19901

Dear Mrs. Shanley:

HOLLY RUN PLANT\*  
GROUNDWATER REPORT - Third Quarter 1984

Attached is our groundwater report for the third quarter of 1984. For futher information, please contact me at (609) 540-2173.

  
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Peter E. Kress  
Environmental Health Chemist

\*formally the Newport Pigments Plant

PEK/lrw  
Attachment  
0393W/0394W

AR200678

Third Quarter 1984  
HOLLY RUN PLANT  
Goundwater Monitoring  
Sampled 8/6/84, 8/14/84, and 9/24/84

Depths and River Levels Measured 8/6/84 and 8/14/84  
(all results in mg/l, except PH)

<u>Well</u>	<u>Barium</u>	<u>Cadmium</u>	<u>Zinc</u>	<u>Sulfate As SO<sub>4</sub></u>	<u>PH</u>	<u>Depth (Ft.) Ground to Water</u>	<u>Tidal Guage Reading (Ft.)</u>
SM-1	35	<0.01	0.06	14	7.3	14.82	+1.40
SM-2	0.13	<0.01	0.12	34	5.8	5.17	-0.10
SM-3	14	<0.01	0.57	51	8.0	18.75	+1.40
SM-4 <sup>(1)</sup>	<0.10	0.75	200	160	5.7 <sup>-</sup>	-0.47	-0.60
SM-5	<0.10	0.01	.48	56	5.7	5.46	-0.14
DM-5	0.25	<0.01	3.6	630 <sup>(2)</sup>	5.7	5.52	+1.50
DM-6	0.19	0.03	4.3	46	3.2 <sup>(3)</sup>	-2.7	-0.25
DMU-7	0.32	<0.01	0.09	13	6.3	7.94	+1.50
DML-7 <sup>(1)</sup>	0.21	<0.01	0.07	14	7.4	7.38	+1.60
DM-8	<0.10	0.17	6.0	69	5.4	6.58	-0.16
WW-11	0.28	<0.01	0.18	6	5.6	1.78	-1.00
WW-13	<0.10	<0.01	0.09	8	5.7	9.65	-0.45

(1). Well not yielding enough to give three volumes of water.

(2). Suspected analytical problem with 8-14-84 sample, resampled on 9-24-84 and Sulfate was 980 mg/l. This is believed to be an analytical aberration and will be reevaluated in the fourth quarter.

(3). Supected analytical problem with 8-6-84 PH, resampled on 9-24-84 and PH was 5.3.

AR200679

PEK/lrw  
0394W  
11/21/84